

TLW 1349

Project No. 241314

270 win

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**JAR-OFF TEST**

Firecontrol No. B5 Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SYN
 Engagement at Start (1) .0203 (2) .0201 (3) .0205 Average .0203
 Engagement at End (1) .0202 (2) .0212 (3) .0209 Average .0207
 Model No. M/710 Serial No. 71143698
 Trigger Pull at Start of Test (1) 3.883 (2) 3.976 (3) 4.065 (4) 4.220 (5) 4.066
 Average Trigger Pull at Start of Test: 4.044 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.605 (2) 4.707 (3) 4.561 (4) 4.563 (5) 4.669
 Average Trigger Pull at End of Test: 4.621 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials: BLJS

Additional Notes and Comments

Trigger Pull set to 4.506*For additional details on the proper procedures to be used for this Test Procedure refer to:*ANSI / SAAMI Z299.5-1990**SAAMI Specifications for Standard Jar-Off Test:**

Jar-Off Test: 12-inch drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt
 Firearm ready to fire, Safe in "Fire" position, Fresh Primed Case in
 Chamber, Magazine loaded to capacity with Dummy Rounds.
 After each drop, fire Primed Case to verify firearm will still function.

12 inch drop (safety in "Fire" position) - one drop per orientation.

Note: for Firearms with the ISS system installed - The ISS will be set in the unlocked
position for all six orientations of the Jar-Off Test

<u>Orientation</u>	<u>ISS Unlocked</u>	<u>Comments</u>
Barrel Vertical, Muzzle Up:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Vertical, Muzzle Down:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Horizontal, Left side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Horizontal, Right side of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Horizontal, Bottom of Stock Up:	Pass <input checked="" type="checkbox"/> Fail _____	_____
Barrel Horizontal, Bottom of Stock Down:	Pass <input checked="" type="checkbox"/> Fail _____	_____

Notes: (continue on back of sheet if necessary)

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ET33848

TLW 1349Project No. 241314**S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST****ROTATION TEST**

Firecontrol No. B Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type SPN
 Engagement at Start (1) .0201 (2) .0201 (3) .0201 Average .0202
 Engagement at End (1) .0191 (2) .0195 (3) .0190 Average .0192
 Model No. m/710 Serial No. 2713695
 Trigger Pull at Start of Test (1) 3.982 (2) 4.058 (3) 4.050 (4) 4.098 (5) 4.098
 Average Trigger Pull at Start of Test: 4.101 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 3.542 (2) 3.816 (3) 3.734 (4) 3.816 (5) 3.614
 Average Trigger Pull at End of Test: 3.678 Std. Dev. of Trigger Pull at End of Test: _____

Tester Initials BL JS

Additional Notes and Comments _____

For additional details on the proper procedures to be used for this Test Procedure refer to:

ANSI / SAAMI Z299.5-1990

SAAMI Specifications for Standard Rotation Test:

Rotation Test: Rest Firearm on the Butt end and allow Firearm to fall
 Drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt
 Firearm not ready to fire, Safe in "Safe" position, Fresh Primed Case
 in Chamber, Magazine loaded to capacity with Dummy Rounds.
 After each drop Fire Primed Case to verify firearm will still function.

"Rotation Test" (safety in "Safe" position) - one drop per orientation.

Note: for Firearms with the ISS system installed - The Firearms will be set with the

ISS system in the **unlocked** position for both orientations of the Rotation Test.

Orientation	ISS Unlocked	Comments
Firearm Vertical, Drop so left side of Stock is Up:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	
Firearm Vertical, Drop so right side of Stock is Up:	Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>	

Notes: (continue on back of sheet if necessary)

Tester's Initials BL JS

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TLW 1349

Project No. 241314

S.A.A.M.I. JAR-OFF, DROP & ROTATION TEST**DROP TEST**

Firecontrol No. B 5 Firecontrol Type: Standard Date: 12-9-03
 Dry Cycles/Rounds Completed: _____ Stock Type S/N Engagement at Start _____
 Engagement at Start (1) .0202 (2) .0212 (3) .0209 Average .0207
 Engagement at End (1) .0197 (2) .0194 (3) .0193 Average .0194
 Model No. M/710 Serial No. 71143698 Engagement at End _____
 Trigger Pull at Start of Test (1) 4.241 (2) 3.885 (3) 4.058 (4) 4.078 (5) 4.082
 Average Trigger Pull at Start of Test: 4.069 Std. Dev. of Trigger Pull at Start of Test: _____
 Trigger Pull at End of Test (1) 4.478 (2) 4.520 (3) 4.539 (4) 4.499 (5) 4.496
 Average Trigger Pull at End of Test: 4.506 Std. Dev. of Trigger Pull at End of Test: _____
 Tester Initials: JS/BL

Additional Notes and Comments

For additional details on the proper procedures to be used for this Test Procedure refer to:

ANSI / SAAMI Z299.5-1990

SAAMI Specifications for Standard Drop Test:**Drop Test:**

48-inch drop - onto 1" thick 85 Durometer (Shore A) Rubber Matt
 Firearm not ready to fire, Safe in "Safe" position, Fresh Primed Case
 in Chamber, Magazine loaded to capacity with Dummy Rounds.
 After each drop Fire Primed Case to verify firearm will still function.

48 inch drop (safety in "Safe" position) - one drop per orientation.

Note: for Firearms with the ISS system installed - The Firearms will be set with the
 ISS system in the unlocked position for all six orientations of the Drop Test

Orientation	ISS Unlocked	Comments
Barrel Vertical, Muzzle Up:	Pass <u>/</u> Fail _____	
Barrel Vertical, Muzzle Down:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Left side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Right side of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Up:	Pass <u>/</u> Fail _____	
Barrel Horizontal, Bottom of Stock Down:	Pass <u>/</u> Fail _____	

Notes: (continue on back of sheet if necessary)

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